

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

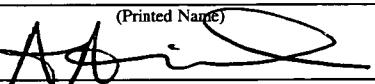
Applicant: Edward Henry LESTER et al.

Title: COUNTER CURRENT MIXING  
REACTOR

Appl. No.: To Be Assigned

International Filing Date: 2/11/2005

Filing Date:  
371(c) Date:

CERTIFICATE OF EXPRESS MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service's "Express Mail Post Office To Addressee" service under 37 C.F.R. § 1.10 on the date indicated below and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
EL 962418508 US (Express Mail Label Number)	August 9, 2006 (Date of Deposit)
Abi Airohi (Printed Name)	
 (Signature)	

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56. These documents were cited in the International Search Report for the corresponding PCT Application. A copy of the search report is enclosed.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

**TIMING OF THE DISCLOSURE**

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the filing date of the application.

**RELEVANCE OF EACH DOCUMENT**

All of the documents are in English.

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

Although Applicant believes that no fee is required for this Request, the Commissioner is hereby authorized to charge any additional fees which may be required for this Request to Deposit Account No. 06-1450.

Respectfully submitted,

Date August 9, 2006

By Michael D. Rechtin

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Substitute for form 1449B/PTO				Complete # Known <b>10589311</b>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	To Be Assigned
Date Submitted: August 9, 2006				International Filing Date	2/11/2005
(use as many sheets as necessary)				First Named Inventor	Edward Henry LESTER
				Group Art Unit	10589311 - GAU: 1793
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number 058937-0143	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
/S.H./		2,692,764	A	Hanson	10-26-1954	
		2,768,123	A	Trusty et al.	10-23-1956	
		3,726,297	A	Heimann et al.	04-10-1973	
		4,963,329	A	Burgess et al.	10-16-1990	
		2003/047824	A1	Hanna et al.	03-13-2003	
		2003/109421	A1	Palakodaty et al.	06-12-2003	

UNPUBLISHED U.S. PATENT APPLICATION DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Application Document		Name of Patentee or Applicant of Cited Document	Filing Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Serial Number	Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Office <sup>3</sup>	Number <sup>4</sup>				Kind Code <sup>5</sup> (if known)
/S.H./		EP	0 528 201	B1	Osaka Gas Comp Ltd.	02-24-1983	
		DE	203 06 915	U1	Haagen & Rinau Mischtechnik GMBH	08-07-2003	
		EP	1 358 931	A2	Tosoh Corp.	11-05-2003	

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			

Examiner Signature	/Serena Hanor/	Date Considered	02/06/2009
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.H./